|  |  |  |  |
| --- | --- | --- | --- |
| No. | Generator | Active Power Output (MW) | Reactive Power Output (MVAr) |
| 1 | Numurkah Solar Farm | 44.6 | -13.0 |
| 2 | Wunghnu Solar Farm | 34.8 | -6.2 |
| 3 | Girgarre Solar Farm | 39.6 | -2.6 |
| 4 | Pine Lodge BESS | 1.9 | -24.2 |
| 5 | Glenrowan West Solar Farm | 54.5 | -13.2 |
| 6 | Glenrowan Solar Farm | 49.6 | -17.0 |
| 7 | Carisbrook Solar Farm | 39.8 | -1.4 |
| 8 | Goorambat East Solar Farm | 248.6 | -36.9 |

SL Case 1

|  |  |  |  |
| --- | --- | --- | --- |
| No. | Generator | Active Power Output (MW) | Reactive Power Output (MVAr) |
| 1 | Numurkah Solar Farm | 88.77 | -25.01 |
| 2 | Wunghnu Solar Farm | 66.80 | -9.71 |
| 3 | Girgarre Solar Farm | 67.46 | -7.42 |
| 4 | Pine Lodge BESS | 1.93 | -7.08 |
| 5 | Glenrowan West Solar Farm | 75.78 | -0.26 |
| 6 | Glenrowan Solar Farm | 90.61 | -2.78 |
| 7 | Carisbrook Solar Farm | 66.00 | -0.05 |
| 8 | Goorambat East Solar Farm | 248.59 | -16.03 |

SL Case 2

SH

|  |  |  |  |
| --- | --- | --- | --- |
| No. | Generator | Active Power Output (MW) | Reactive Power Output (MVAr) |
| 1 | Numurkah Solar Farm | 88.76 | -24.61 |
| 2 | Wunghnu Solar Farm | 66.79 | -20.57 |
| 3 | Girgarre Solar Farm | 67.43 | -7.59 |
| 4 | Pine Lodge BESS | 237.67 | -32.12 |
| 5 | Glenrowan West Solar Farm | 98.72 | 32.8 |
| 6 | Glenrowan Solar Farm | 93.71 | -12.5 |
| 7 | Carisbrook Solar Farm | 66.00 | -1.38 |
| 8 | Goorambat East Solar Farm | 246.7 | -26.8 |

Control modes

|  |  |  |  |
| --- | --- | --- | --- |
| No. | Generator | Reactive Control Mode | Setpoint |
| 1 | Numurkah Solar Farm | Power Factor | PFref=-0.96 |
| 2 | Wunghnu Solar Farm | Voltage Droop | Vref=1.06 |
| 3 | Girgarre Solar Farm | Power Factor | PFref=-0.996 |
| 4 | Pine Lodge BESS | Voltage Droop | Vref=1.06 |
| 5 | Glenrowan West Solar Farm | Voltage Droop | Vref=1.03 |
| 6 | Glenrowan Solar Farm | Voltage Droop | Vref=1.06 |
| 7 | Carisbrook Solar Farm | Power Factor | PFref=-0.96 |
| 8 | Goorambat East Solar Farm | Voltage Droop | Vref=1.06 |